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				Application Number	10/537,141
				Filing Date	November 13, 2006
				First Named Inventor	Fred Busch
				Art Unit	1616
				Examiner Name	Nathan W. Schlientz
Sheet	1	of	8	Attorney Docket Number	24004-0018

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	A1	3493660	02-03-1970	Gill	
	A2	3647808	03-07-1972	Hofmann, et al.	
	A3	3717579	02-20-1973	Hofmann, et al.	
	A4	4199564	04-22-1980	Silver, et al.	
	A5	4320147	03-16-1982	Schaeufele	
	A6	4783340	11-08-1988	McDonnell, et al.	
	A7	4997672	03-05-1991	DeSimone, et al.	
	A8	5109019	04-28-1992	Lehmann, et al.	
	A9	5211961	05-18-1993	Adkinson	
	A10	5366983	11-22-1994	Lattin, et al.	
	A11	5855940	01-05-1999	Compadre, et al.	
	A12	5906825	05-25-1999	Seabrook, Jr., et al.	
	A13	6039992	03-21-2000	Compadre, et al.	
	A14	6251836	06-26-2001	Duncum, et al.	
	A15	6395698	05-28-2002	Daun, et al.	
	A16	6525071	02-25-2003	Dyer	
	A17	6749804	06-15-2004	Schneider, et al.	
	A18	7109241	09-19-2006	Richter, et al.	
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	B1	20020064585	05-30-2002	Christianson, et al.	
	B2	20020076348	06-20-2002	Schneider, et al.	
	B3	20020119207	08-29-2002	Baker, Jr., et al.	
	B4	20020165260	11-07-2002	Dyer	
	B5	20030021818	01-30-2003	Compadre, et al.	
	B6	20030113384	06-19-2003	Fredell, et al.	
	B7	20040091448	05-13-2004	Kross	
	B8	20040214753	10-28-2004	Britten, et al.	
	B9	20050031705	02-10-2005	Tyndall, et al.	
	B10	20050069623	03-31-2005	Schneider, et al.	
	B11	20050113012	05-26-2005	Compadre, et al.	
	B12	20050271781	12-08-2005	Burwell, et al.	
	B13				
	B14				
	B15				
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		Number-Kind Code ² (if known)			
	C1	CN 1647643 A	08-03-2005	GUANGZHOU TAICHENG DISINFECTANT DETERGENT CO., LTD	
	C2	DE 19948186 A1	07-13-2000	Dow Corning Taiwan, Ltd.	
	C3	DE 2055208	05-18-1972	Th. Goldschmidt AG	
	C4	DE 2749528 A1	05-03-1979	Alliance Smurfit Cases Warring	
	C5	EP 0027623 A1	04-29-1981	Henkel Kommanditgesellschaft auf Aktien	
	C6	EP 0095377 A1	11-30-1983	WILSON, Edward Sturdy	
	C7	EP 0095884 A1	12-07-1983	WILSON, Edward Sturdy	
	C8	EP 0736250 A1	10-09-1996	Kuwabara	
	C9	EP 0799570 A1	10-08-1997	Asensio	
	C10	ES 346940	01-16-1969	D. Antonio Luis Paloma Coll.	
	C11	FR 2710919 A1	04-14-1995	Eparco Financiere	
	C12	GB 1256984	02-17-1970	Th. Goldschmidt AG	
	C13	GB 1262026	02-02-1972	Th. Goldschmidt AG	
	C14	GB 1268576	03-29-1972	Th. Goldschmidt AG	
	C15	GB 1317353	05-16-1973	Th. Goldschmidt AG	
	C16	GB 2187097 A	09-03-1987	Unilever PLC	
	C17	GB 2300565 A	11-13-1996	Japan Clinic Co., Ltd.	
	C18	JP 07285809	10-31-1995	Bio Jisutetsuku:KK	
	C19	JP 2002005579	01-09-2002	NKK Corp., et al.	
	C20	JP 2002184604	06-28-2002	Matsushita Electric Ind. Co. Ltd.	
	C21	JP 2002184609	06-28-2002	Murata Mfg. Co. Ltd.	
	C22	WO 01/49296 A1	07-12-2001	THE REGENTS OF THE UNIVERSITY OF MICHIGAN	
	C23	WO 01/54502 A2	08-02-2001	University of Arkansas	
	C24	WO 2002/069954 A1	09-12-2002	MCJ, Inc.	
	C25	WO 2004/044068 A1	05-27-2004	KROSS, Robert D.	
	C26	WO 2004/049799 A2	06-17-2004	BYOCOAT LLC	
	C27	WO 2004/077954 A1	09-16-2004	ByoCoat LLC	
	C28	WO 2004/082719 A1	09-30-2004	PHARMACIA CORPORATION	

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		Number-Kind Code ² (if known)			
	C29	WO 2005/016377 A1	02-24-2005	KO MANUFACTURING, INC.	
	C30	WO 2005/079210 A2	09-01-2005	BIOFILMS STRATEGIES, INC.	
	C31	WO 2007/030104 A1	03-15-2007	ByoCoat Enterprises, Inc.	
	C32	WO 2008/008362 A2	01-17-2008	BYOCOAT ENTERPRISES, INC.	
	C33	WO 2008/031104 A2	03-13-2008	DELAVAL HOLDINGS AB	
	C34	WO 2009/045456 A1	04-09-2009	BYOCOAT ENTERPRISES, INC.	
	C35	WO 91/01132	02-07-1991	Fertin Laboratories, Ltd.	
	C36	WO 9738586 A1	10-23-1997	University of Arkansas	
	C37	WO 9919438 A1	04-22-1999	Stepan Company	
	C38				
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NON PATENT LITERATURE DOCUMENTS					
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	D1	Anderson et al., "Efficacies of Three Sanitizers Under Six Conditions of Application To Surfaces of Beef;" <i>J. Food Sci.</i> , 42(2):326-329, 1977.			
	D2	Bali, "Efficacy of Sanitizing Treatments of Broilers & Short Loins," A thesis presented to the Graduate School of the University of Missouri, Ch. I & Ch. V, 1970.			
	D3	Barnes et al., "Effects of two cetylpyridinium chloride-containing mouthwashes on plaque;" <i>J. Periodontol.</i> , 47:419-422, 1976.			
	D4	Bernheimer, "Comparative Kinetics of Hemolysis Induced by Bacterial and Other Hemolysins," <i>Journal of General Physiology</i> , 337-353 (October 18, 1946).			
	D5	Bosilevac et al., "Prevalence of Escherichia coli 01 57 and levels of aerobic bacteria and enterobacteriaceae are reduced when hides are washed and treated with cetylpyridinium chloride at a commercial beef processing plant," <i>J. Food Prot.</i> , 67(4):646-650, (2004b).			
	D6	Bosilevac et al., "Protocol for evaluating the efficacy of cetylpyridinium chloride as a beef hide intervention," <i>J. Food Prot.</i> , 67(2):303-309, 2004.			
	D7	Breen et al., "Elimination of <i>Salmonella</i> Contamination from Poultry Tissues by Cetylpyridinium Chloride Solutions," <i>J. Food Prot.</i> , 60(9):1019-1021, 1997.			
	D8	Breen et al., "Quaternary Ammonium Compounds Inhibit and Reduce the Attachment of Viable <i>Salmonella Typhimurium</i> to Poultry Tissues," <i>J. Food Sci.</i> , 60(6):1191-1196, 1995.			
	D9	Cox, M., "The inhibition of <i>Listeria monocytogenes</i> by electrostatic spray application of a CPC-based solution onto turkey bologna," A thesis presented to the Graduate School of Clemson University, May 2006.			
	D10	Cutter et al., "Antimicrobial activity of cetylpyridinium chloride washes against pathogenic bacteria on beef surfaces," <i>J. Food Prot.</i> , 63(5):593-600, 2000.			
	D11	Dincher et al., <i>Khranitelna Promishlenost</i> , 25(3):17-21, 1976. Translation not available.			
	D12	Disclosure Under 37 CFR 1.56 dated April 19, 2011 for Application Serial no. 10/537,141.			
	D13	Donald K. Sutton, William E. MacHardy and William G. Lord, "Effects of Shredding or Treating Apple Leaf Litter with Urea on Ascospore Dose of <i>Venturia inaequalis</i> and Disease Buildup," <i>Plant Disease</i> , 2000, Volume 84, Number 12, pages 1319-1326.			
	D14	Du Moulin et al., "Use of Cetylpyridinium Chloride in the Decontamination of Water for Culture of Mycobacteria," <i>Applied and Environmental Microbiology</i> , 36(5) 771-773 (1978).			
	D15	First International Symposium, Ecology of <i>Salmonella</i> In Pork Production, Proceeding Food Safety Consortium, 9-13, 1996.			
	D16	Geden et al., "Efficacies of Mixtures of Disinfectants and Insecticides," <i>Poultry Sci.</i> , 66(4):659-665, 1987.			
	D17	Herzog et al., "Evaluation of an Electrostatic Spray Application System for Control of Insect Pests in Cotton," <i>J. Econ. Entomol.</i> , 6:637-640, 1983.			

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	D18	Hines, R.L., "Electrostatic atomization and spray painting," J. Appl. Physics, 37(7):2730-2736, 1966.			
	D19	Hisashi Sakurai, Shoko Fujita and Hisashi Naito, "Comparison of the Antimicrobial Activity of Various Agricultural Chemicals against Phytopathogenic Bacteria and Fungi Recently isolated from Diseased Plants," Journal of Pesticide Science, 1977, 2(3), 249-255.			
	D20	Hsu et al., "Effect of spraying on chemical properties and bacterial efficacy of electrolysed oxidizing water," Int. J. Food Sci. and Tech, 39:157-165, 2004.			
	D21	International Preliminary Report on Patentability dated 04 March 2008 and Written Opinion dated 08 February 2006 for PCT/US2005/031563.			
	D22	International Preliminary Report on Patentability dated 07 April 2010 and Written Opinion dated 12 December 2008 for PCT/US2008/011393.			
	D23	International Preliminary Report on Patentability dated 09 September 2005 and Written Opinion dated 12 August 2004 for PCT/US2004/006599.			
	D24	International Search Report dated 04 April 2006, International Preliminary Report on Patentability dated 07 June 2006 and Written Opinion dated 04 April 2006 for PCT/US2004/040823.			
	D25	International Search Report dated 23 September 2004 and International Preliminary Report on Patentability dated 20 November 2006 for PCT/US2003/038118.			
	D26	Jimenez-Villareal et al., "The impact of single antimicrobial intervention treatment with cetylpyridinium chloride, trisodium phosphate, chlorine dioxide, or lactic acid on ground beef lipid, instrumental color and sensory characteristics," Meat Sci., 65:977-984, 2003.			
	D27	Kim and Slavik, "Cetylpyridinium Chloride (CPC) Treatment on Poultry Skin To Reduce Attached Salmonella," J. Food Prot., 59(3):322-6, 1996.			
	D28	Kim and Slavik, "Trisodium Phosphate (TSP) Treatment of Beef Surfaces to Reduce Escherichia Coli 0157:H7 and Salmonella Typhimurium," J. Food Sci., 59(1) 20-22, 1994.			
	D29	Ladokhin and White, "Protein chemistry at membrane interfaces: non-additivity of electrostatic and hydrophobic interactions," J. Mol. Biol., 309:543-552.			
	D30	Lavers, "Packaging v. the Grease Resistance of Some Common Packaging Materials," Canadian Journal of Research, 25(1):75-79, 1947.			
	D31	Law and Cooper, "Air-assisted electrostatic sprays for postharvest control of fruit and vegetable spoilage microorganisms," IEEE Transactions on Industry Applications, 37(6):1597-1602, 2001.			
	D32	Law and Lane, "Electrostatic Deposition of Pesticide Spray Onto Foliar Targets of Varying Morphology," Transact of the ASAE, 24:1441-1445 and 1448, 1981.			
	D33	Law, "Embedded-Electrode Electrostatic Induction Spray Charging Nozzle: Theoretical & Engineering Design," Transact of the ASAE, 12:1096-1104, 1978.			

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	D34	Li et al., "Pre-Chill Spray of Chicken Carcasses to Reduce <i>Salmonella Typhimurium</i> ," <i>J. Food Sci.</i> , 62(3):605-607, 1997.			
	D35	Li et al., "Salmonella Typhimurium Attached to Chicken Skin Reduced Using Electrical Stimulation and Inorganic Salts;" <i>J. Food Sci.</i> , 94(1):23-25 and 29, 1994.			
	D36	Lim and Mustapha, "Effects of cetylpyridinium chloride, acidified sodium chlorite, and potassium sorbate on populations of <i>Escherichia coli</i> 01 57:H7, <i>Listeria monocytogenes</i> , and <i>Staphylococcus aureus</i> on fresh beef," <i>J. Food Prot.</i> , 67(2):310-315, 2004.			
	D37	Maeda et al., "Bactericidal action of 4,4'-(a,w-polymethylenedithio)bis-(1-alkylpyridinium iodides)," <i>Biol. Pharm. Bull.</i> , 21:1057-1061, 1998.			
	D38	Mead et al., "Food Related Illness and Death in the United States," <i>Emerging Infectious Diseases</i> , 5:607-625, 1999.			
	D39	Mosley et al., "Destruction of Food Spoilage, Indicator and Pathogenic Organisms by Various Germicides in Solution and on a Stainless Steel Surface," <i>J. Milk Food Technol.</i> , 39(12):830-836, 1976.			
	D40	Nakagawa et al., "Antimicrobial Characteristic of Insoluble Alkylpyridinium Iodide," <i>Applied and Environmental Microbiology</i> , 43(5):1041-1050, 1982.			
	D41	Nekhorosheva, "Use of Semiliquid Nutritional Media in the Study of Bactericidal Activity of Cationic Surface-Active Agents," <i>Laborantornoe Delo</i> , 1:37-39, 1975 (English Abstract).			
	D42	Pohlman et al., "Reduction of <i>E. coli</i> , <i>Salmonella typhimurium</i> , coliforms, aerobic bacteria, and improvement of ground beef color using trisodium phosphate or cetylpyridinium chloride before grinding," <i>Meat Sci.</i> , 60:349-356, 2002.			
	D43	Rodriguez-Morales et al., "Liquid chromatography determination of residue levels on apples treated with cetylpyridinium chloride," <i>J. Chrom. A</i> , 1062:285-289, 2005.			
	D44	Schep and Sheperd, "Primary interactions of three quaternary ammonium compounds with blastospore of <i>Candida albicans</i> ," <i>Pharm. Res.</i> , 12:649-652, 1995.			
	D45	Slavik et al., "Morphological Changes of <i>Salmonella Typhimurium</i> Caused by Electrical Stimulation in Various Salt Solutions," <i>J. Food Prot.</i> , 58(4):375-380, 1995.			
	D46	Soprey and Maxcy, "Tolerance of Bacteria for Quaternary Ammonium Compounds," <i>J. Food Sci.</i> , 33:536-540, 1968.			
	D47	Supplementary European Search Report for EP 05808425, dated 8 December 2010, Munich.			
	D48	Thomas and McMeekin, "Factors Which Affect Retention of <i>Salmonella</i> By Chicken Muscle Fascia," <i>Biofouling</i> , 5:75-87, 1991.			
	D49	Venkitanarayanan et al., "Efficacy of electrolyzed oxidizing water for inactivating <i>Escherichia coli</i> , 01 57:H7, <i>Salmonella enteritidis</i> , and <i>Listeria monocytogenes</i> ," <i>Appl. Env. Microbio.</i> , 65(9):4276-4279, 1999a.			

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					Application Number	10/537,141
					Filing Date	November 13, 2006
					First Named Inventor	Fred Busch
					Art Unit	1616
					Examiner Name	Nathan W. Schlientz
Sheet	8	of	8	Attorney Docket Number	24004-0018	

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	D50	Wang et al., "Trisodium Prophosphate and Cetylpyridinium Chloride Spraying on Chicken Skin to Reduce Attached <i>Salmonella typhimurium</i> ," <i>J. Food Prot.</i> , 60(8) 992-994, 1997.			
	D51	Weber et al., "Laboratory Procedure for Evaluating Practical Performance of Quaternary Ammonium and Other Germicides Proposed for Sanitizing Food Utensils," <i>Am. J. of Public Health and The Nation's Health</i> , 38:1405-1417, 1948.			
	D52	Williams and Dillard, "The Effect of External Shell Treatments on <i>Salmonella</i> Penetration of Chicken Eggs," <i>Poultry Sci.</i> , 52:1084-1089, 1973.			
	D53	Wilson et al., "Susceptibility of biofilms of <i>Streptococcus sanguis</i> to chlorhexidine gluconate and cetylpyridinium chloride," <i>Oral Microbiol. Immunol.</i> , 11:188-192, 1996.			
	D54	Xiong et al., "Spraying chicken skin with selected chemicals to reduce attached <i>Salmonella typhimurium</i> ," <i>J. Food Prot.</i> , 61(3):272-275, 1998.			
	D55	Yang and Slavik, "Use of antimicrobial spray applied with an inside-outside birdwasher to reduce bacterial contamination on prechilled chicken carcasses," <i>J. Food Prot.</i> , 61(7):829-832, 1998.			
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